Fig.1A.

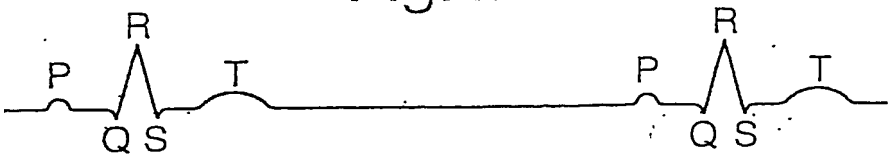


Fig.1B.

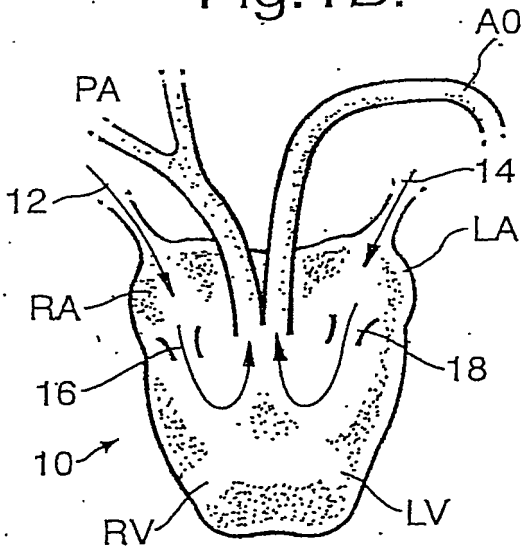
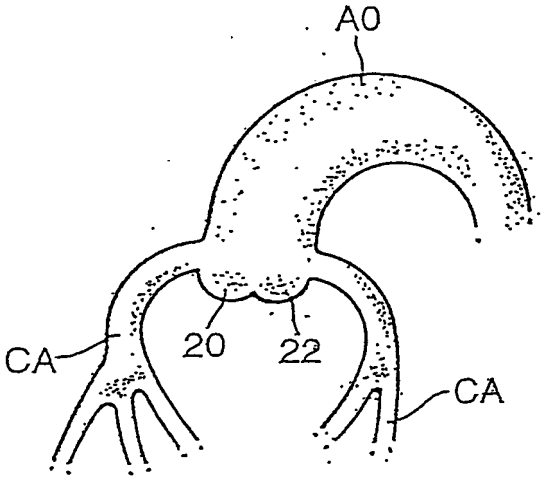


Fig.1C.



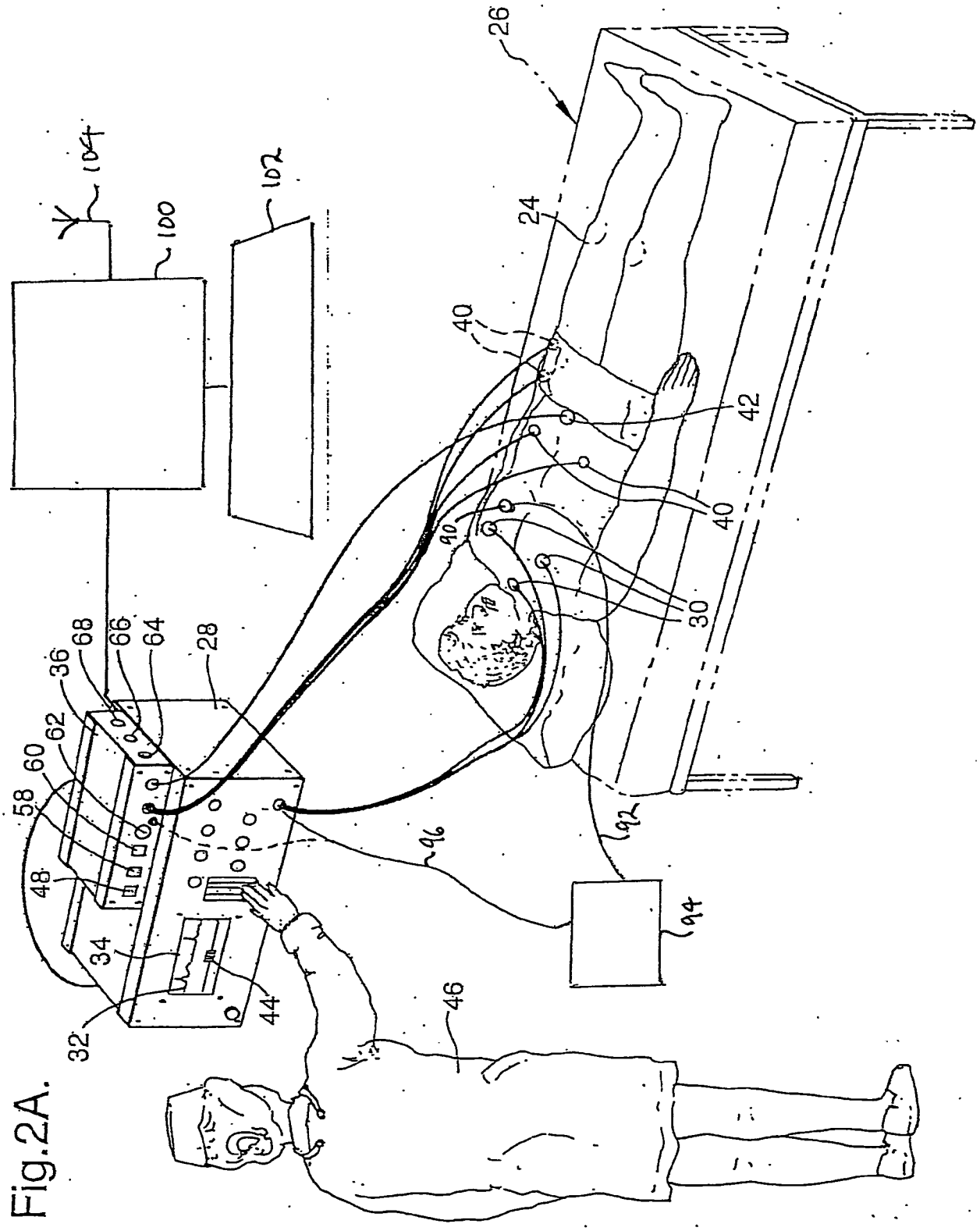

104
100
102
26
24
40
42
40
40
30
28
36
68
66
64
62
60
58
48
34
44
32
46
92
96
94

Fig.2A.

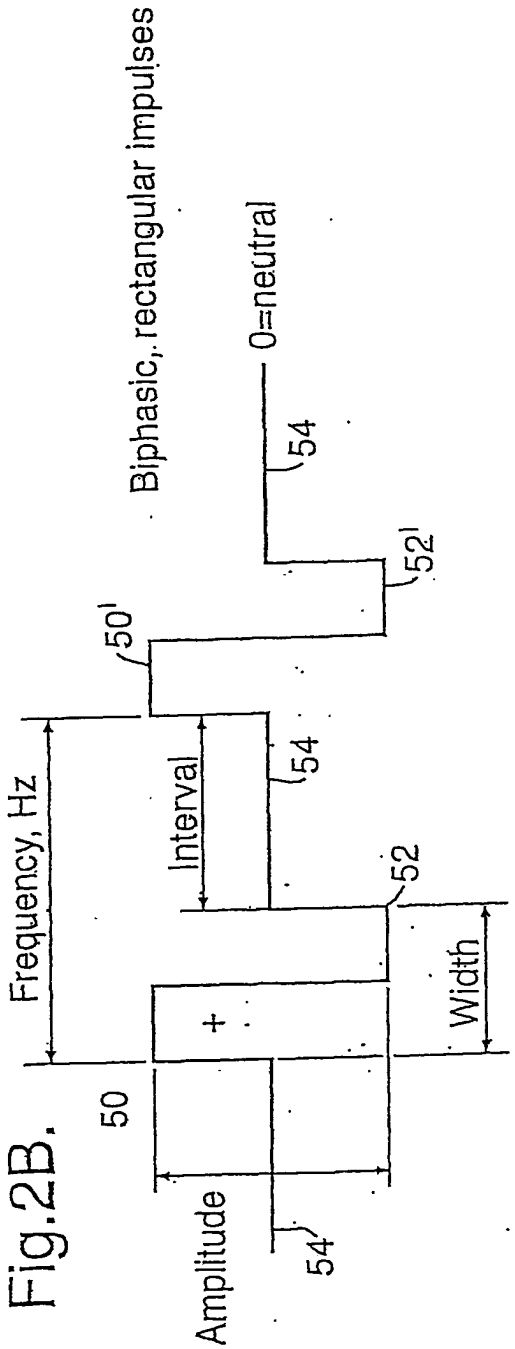

Biphasic, rectangular impulses
0=neutral
Frequency, Hz
Interval
Width
Amplitude
+
50
50'
52
52'
54
54
54

Fig.2B.

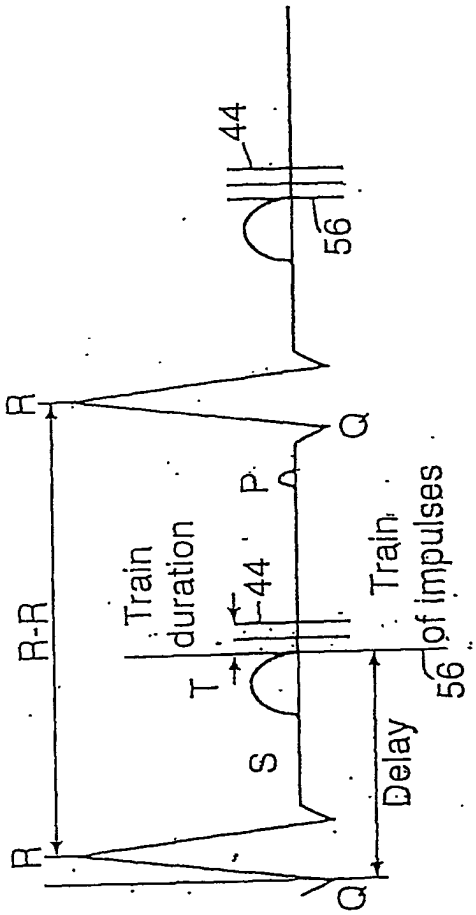
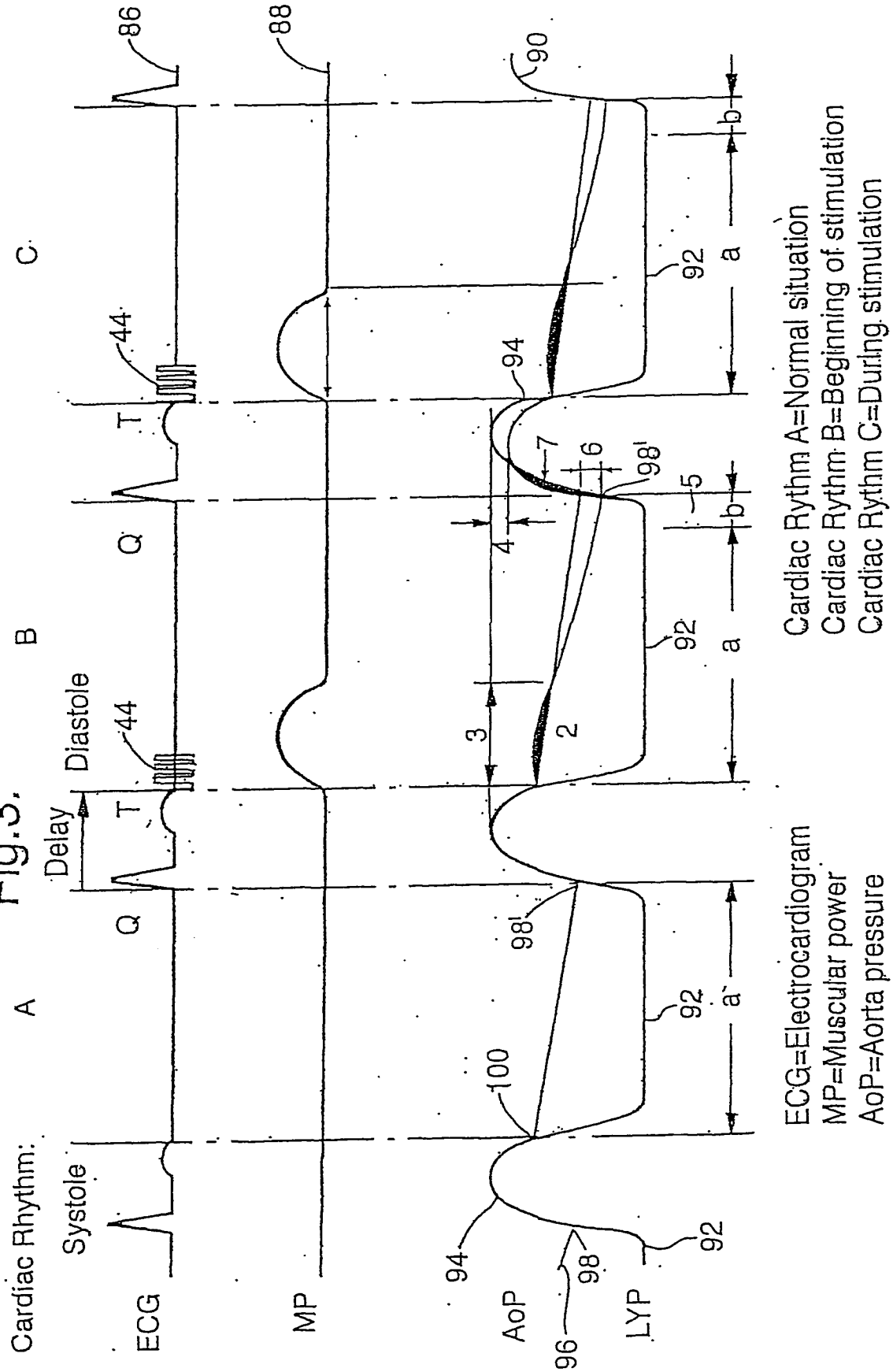

R
R
R-R
Q
Q
P
S
T
Train duration
Train of impulses
Delay
44
44
56
56

Fig.2C.

Fig.3.


Cardiac Rhythm:
A
B
C
Systole
Diastole
Delay
ECG
MP
AoP
LVP
Q
T
44
86
88
90
92
94
96
98
98'
100
a
a'
b
2
3
4
5
6
7
Cardiac Rythm A=Normal situation
Cardiac Rythm B=Beginning of stimulation
Cardiac Rythm C=During stimulation
ECG=Electrocardiogram
MP=Muscular power
AoP=Aorta pressure
LVP=Left ventricular pressure

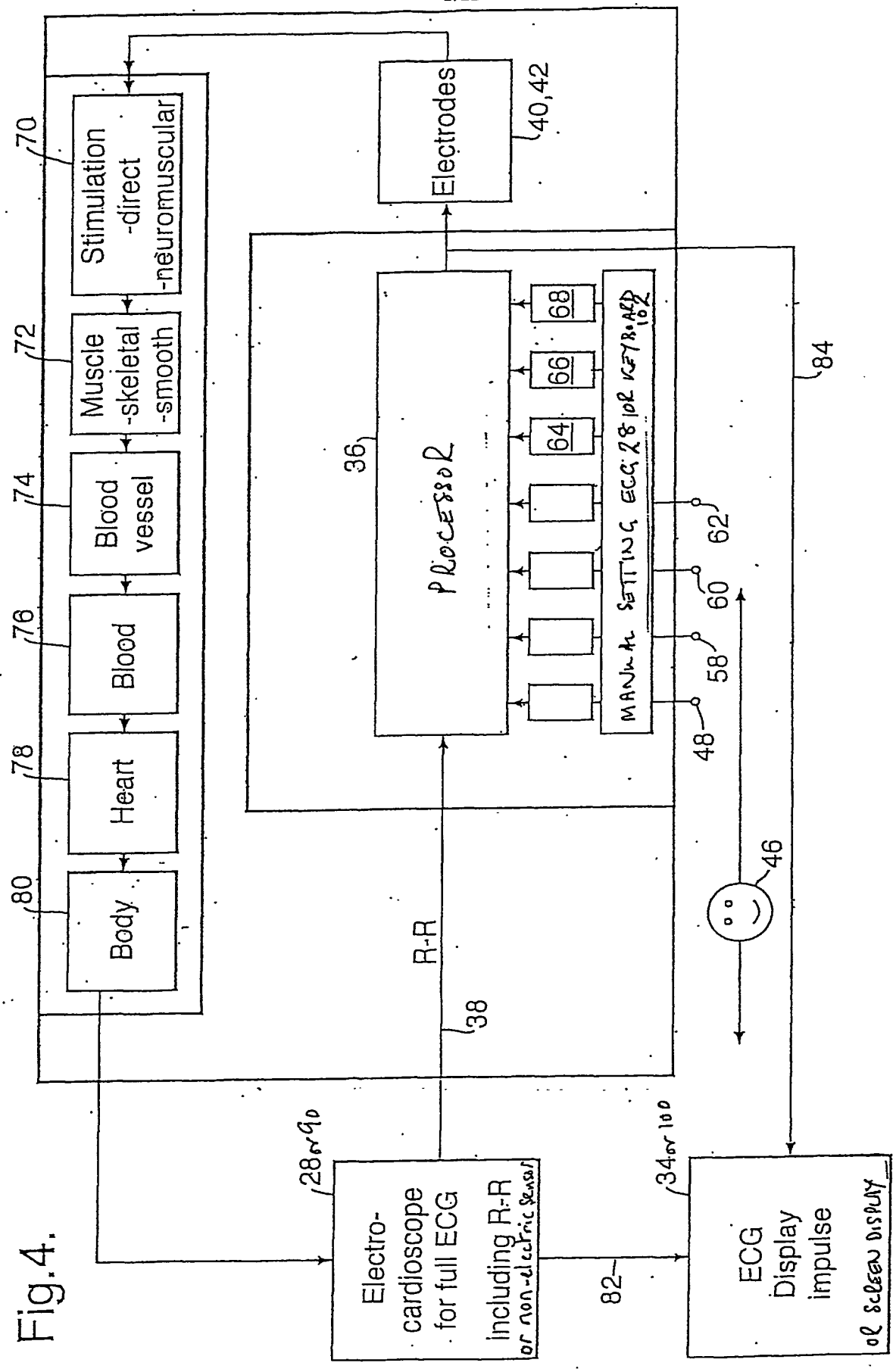

Stimulation
-direct
-neuromuscular
Muscle
-skeletal
-smooth
Blood
vessel
Blood
Heart
Body
70
72
74
76
78
80
Electrodes
40,42
Processor
36
MANUAL SETTING ECG 28 OR KEYBOARD 102
64
66
68
62
60
58
48
84
46
R-R
38
Electro-
cardioscope
for full ECG
including R-R
28 or 90
ECG
Display
impulse
34 or 100
82

Fig.4.

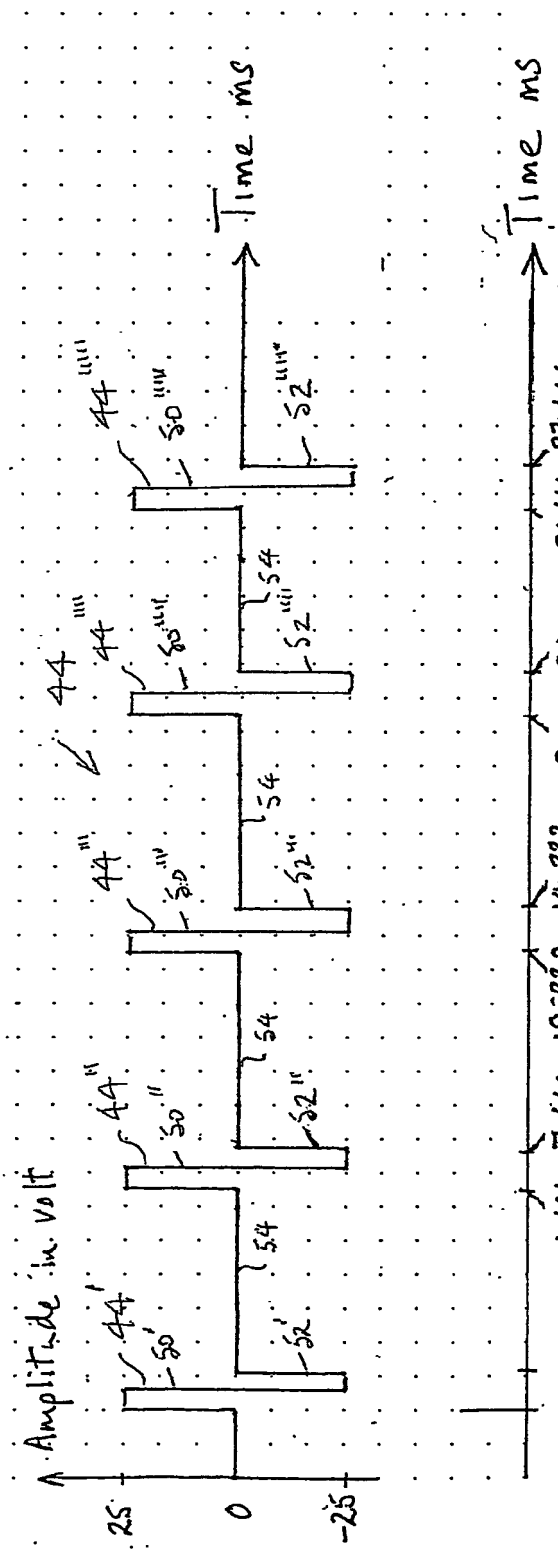

Amplitude in volt
25
0
-25
Time ms
0
6.666
7.666
13.332
14.332
20
21
26.666
27.666
44
50
52
54

FIG 5A

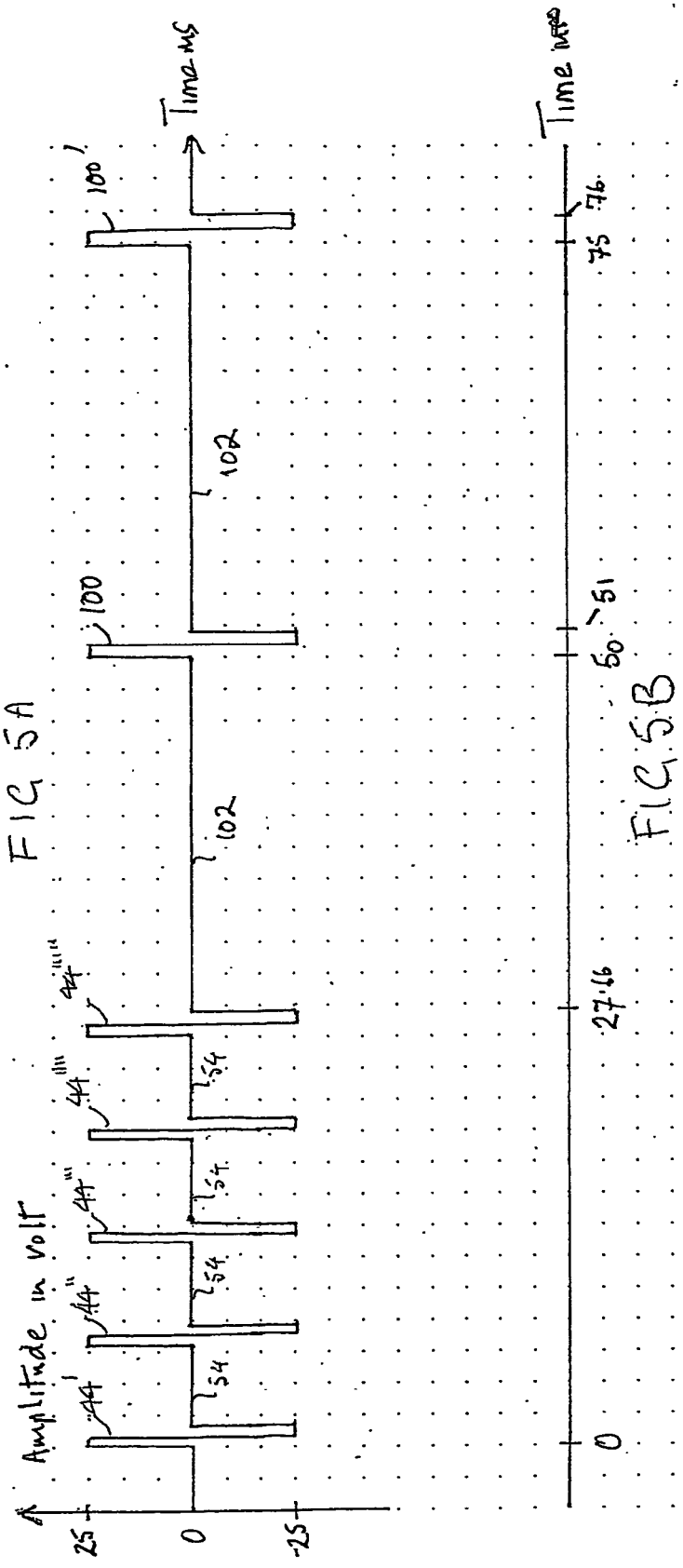

Amplitude in volt
25
0
-25
Time ms
0
27.16
50
51
75
100
102
44
54

FIG 5B

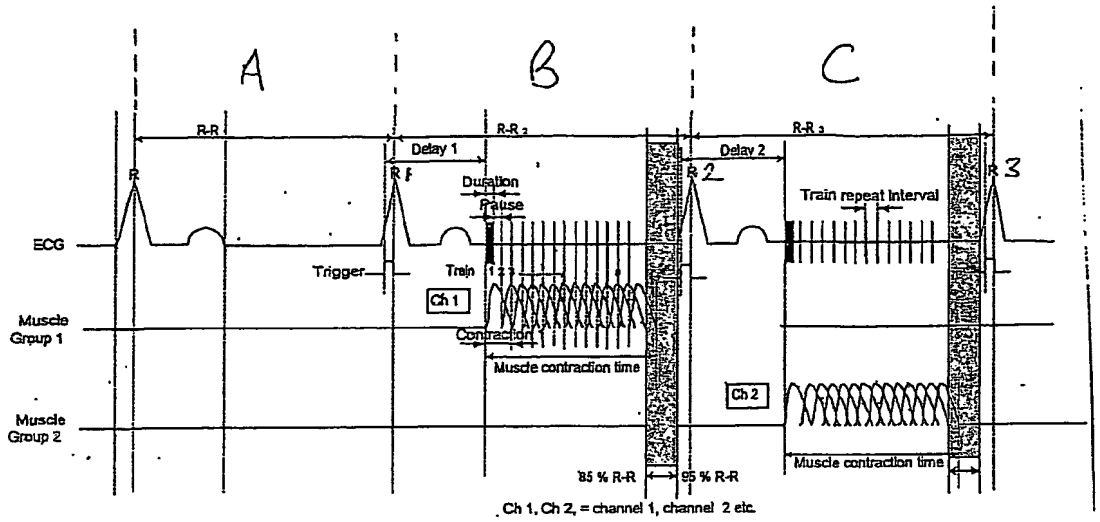


FIG 6

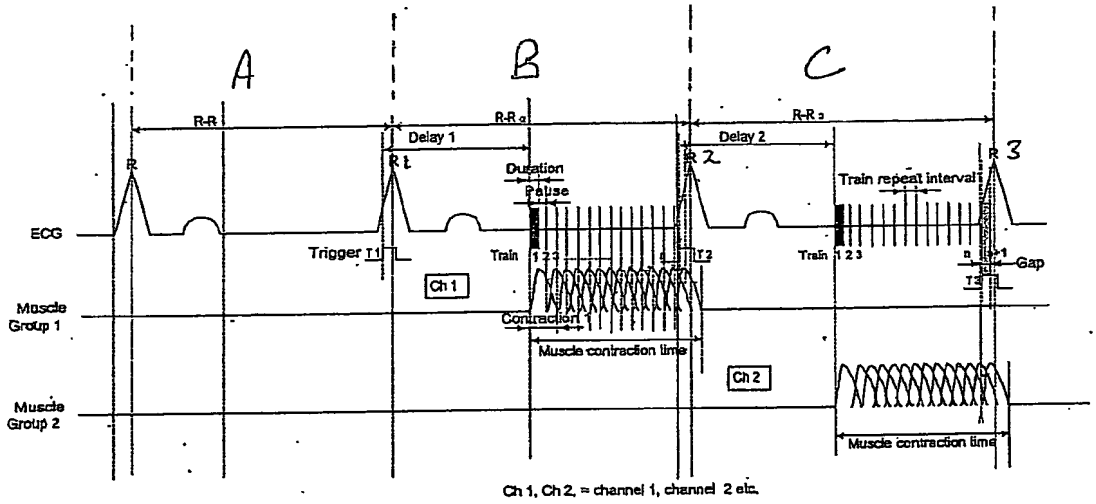


FIG 7

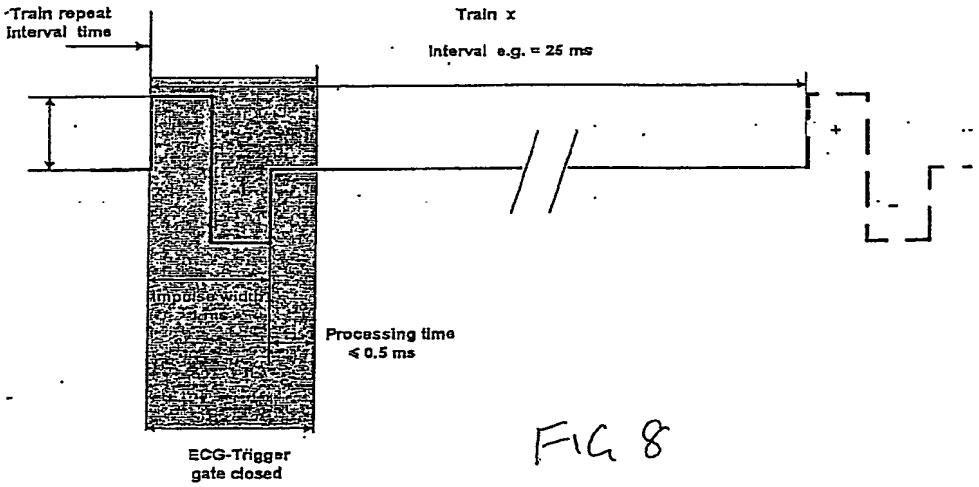


FIG 8

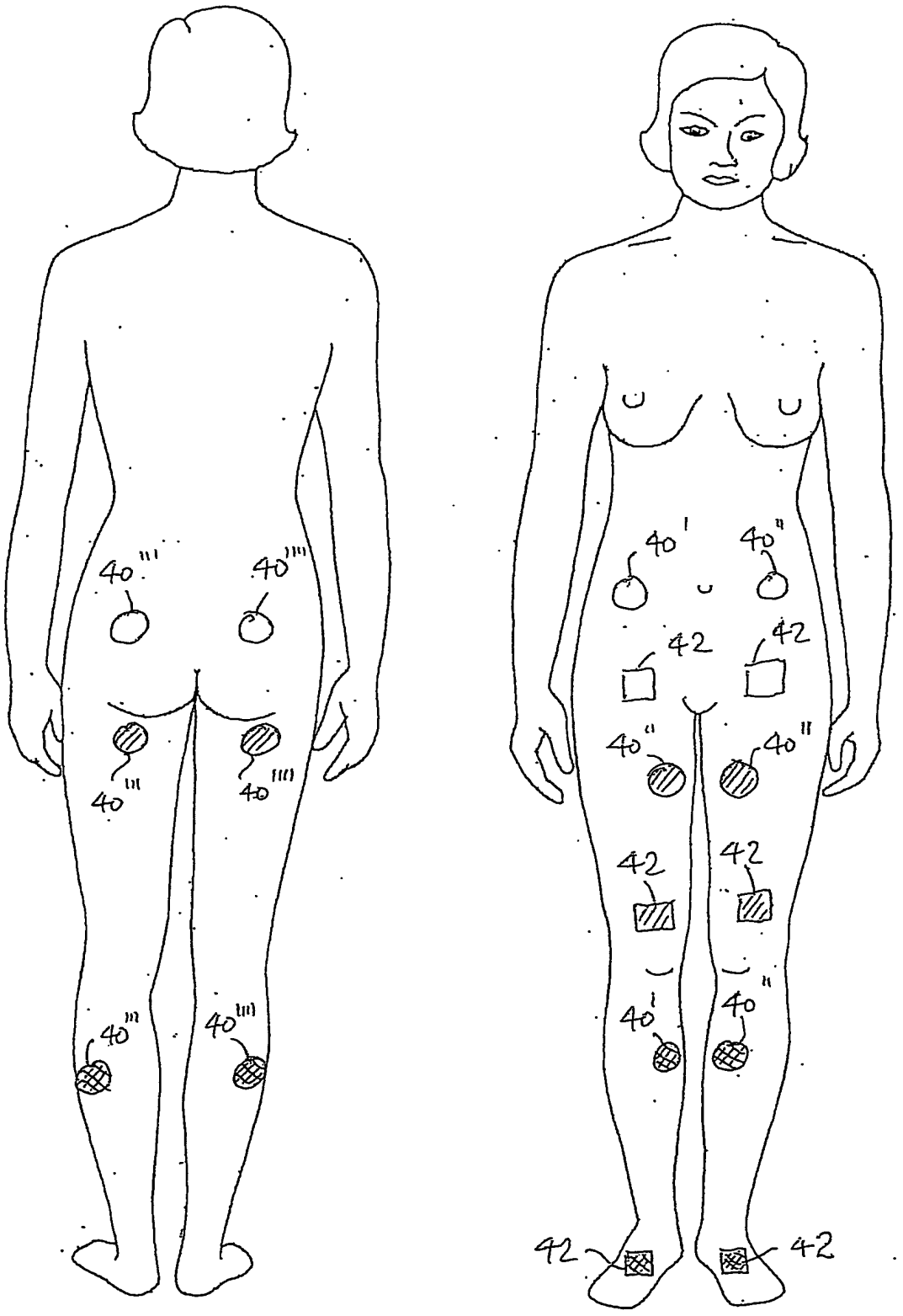


FIG 9

Multiple channel groups with offset

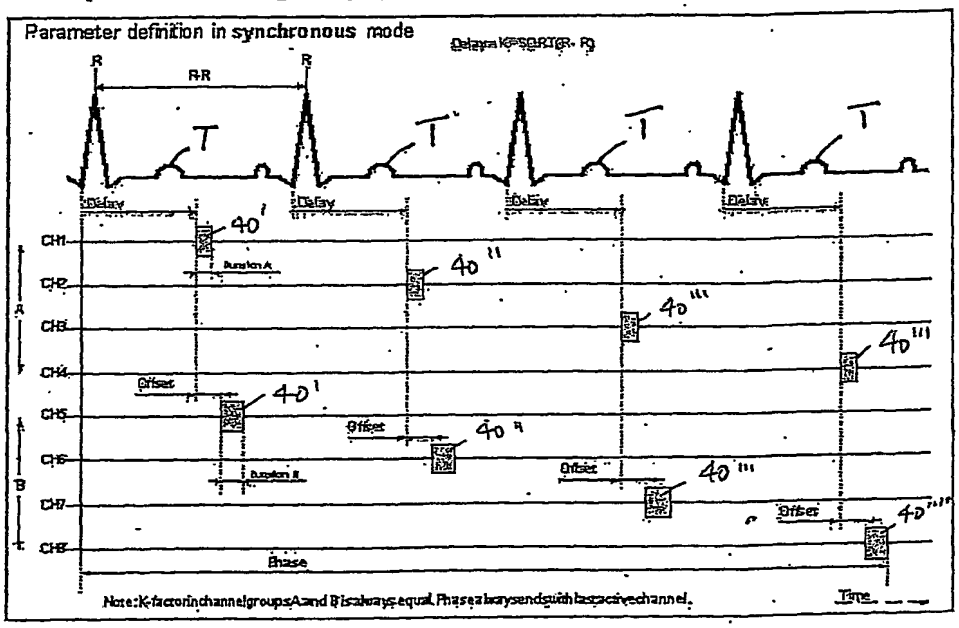


FIG 10

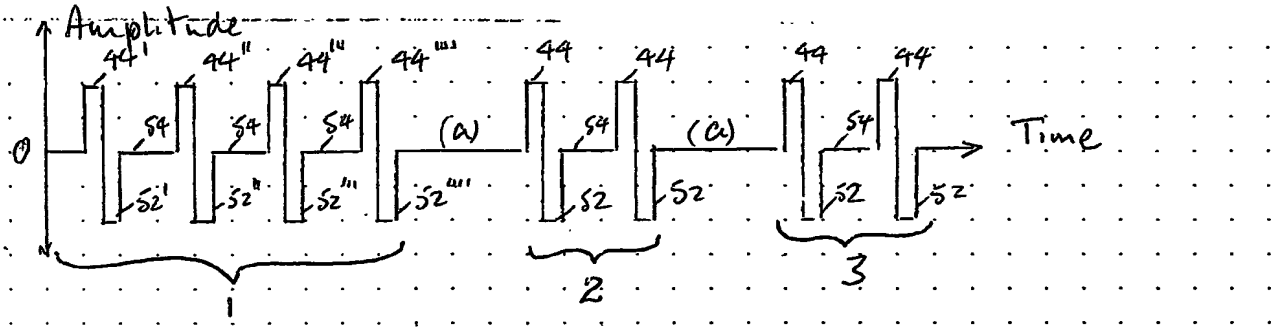


FIG. 11A

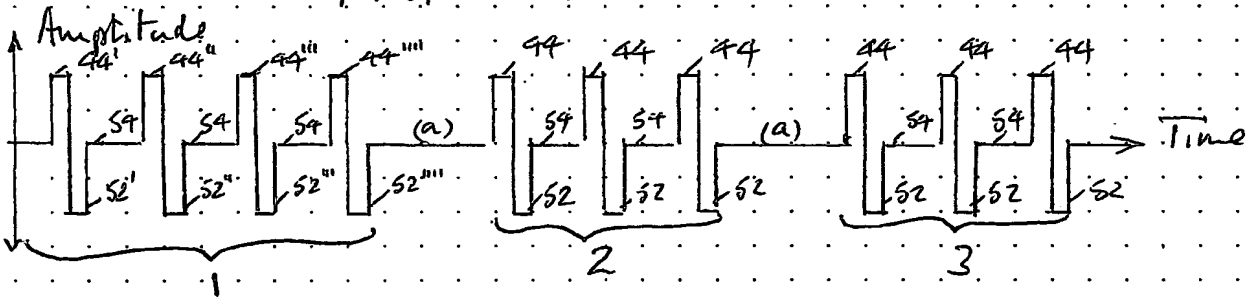


FIG. 11B

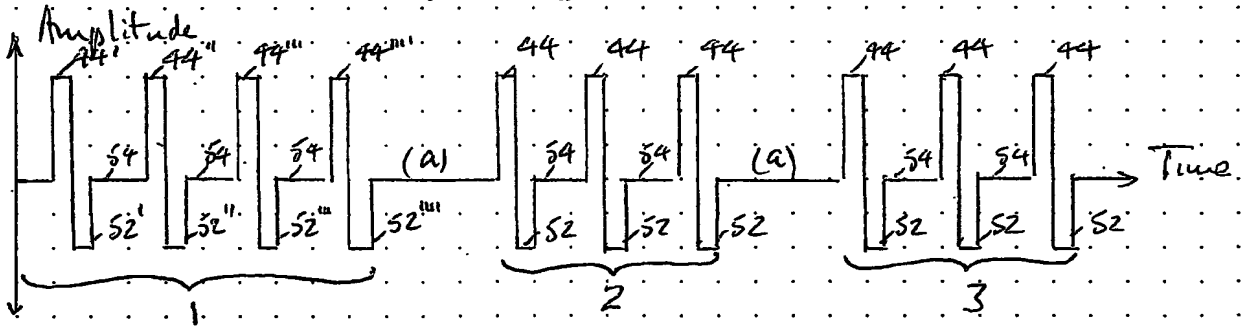


FIG. 11C

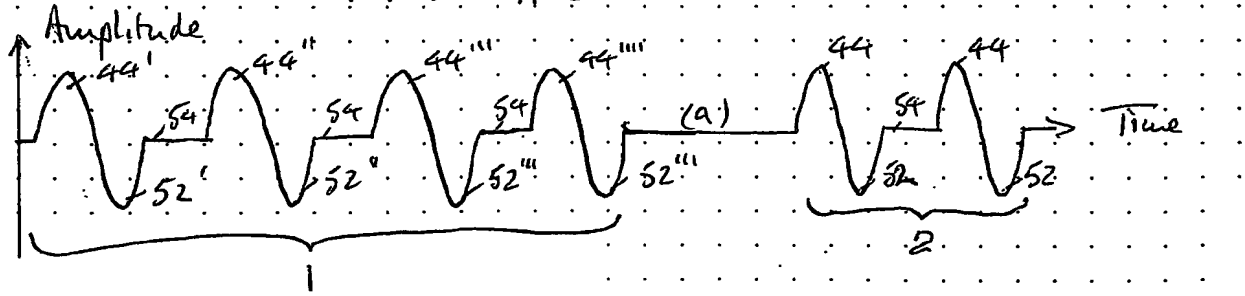


FIG. 11D

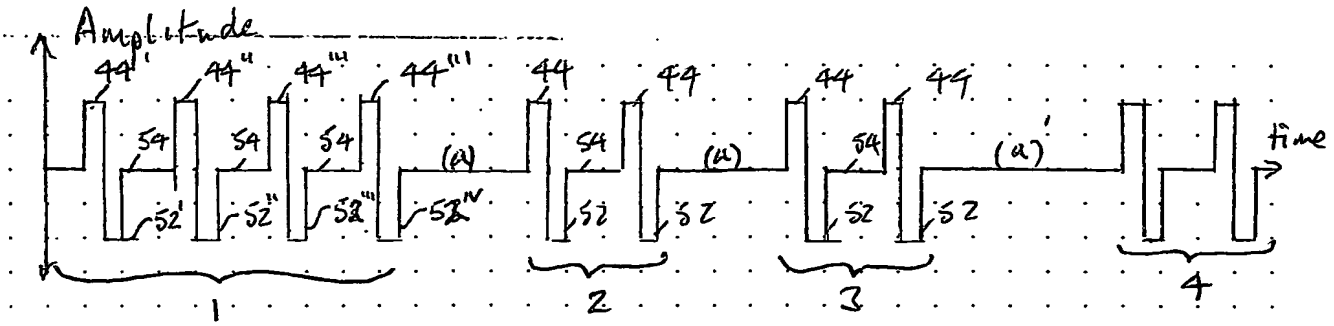


FIG. 11E

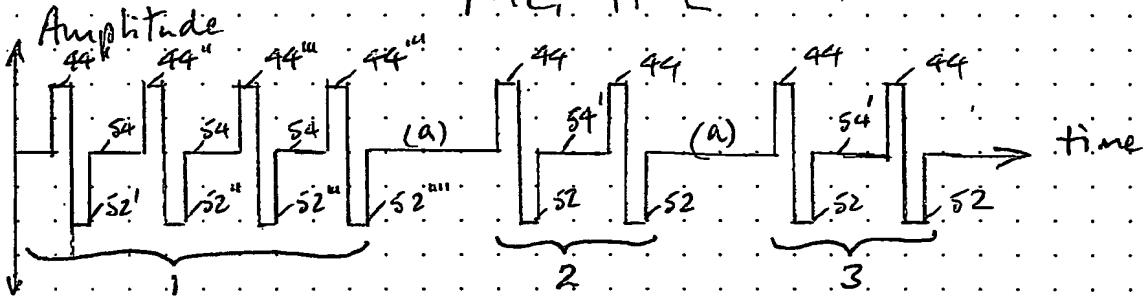


FIG. 11F

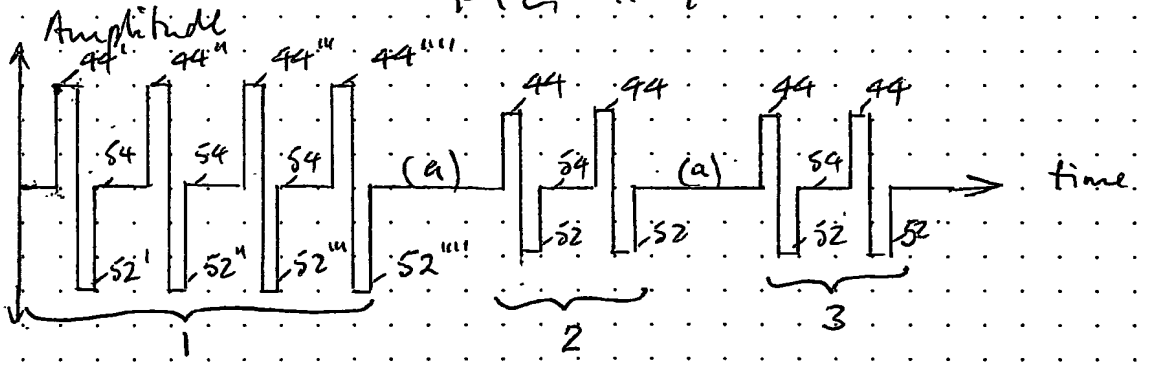


FIG. 11G

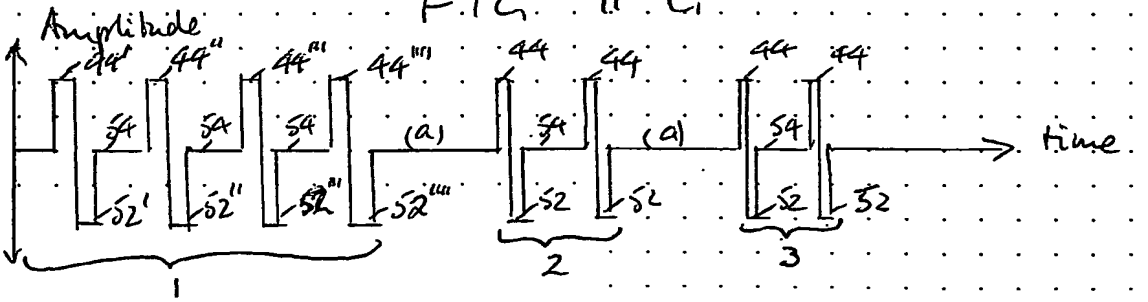


FIG. 11H

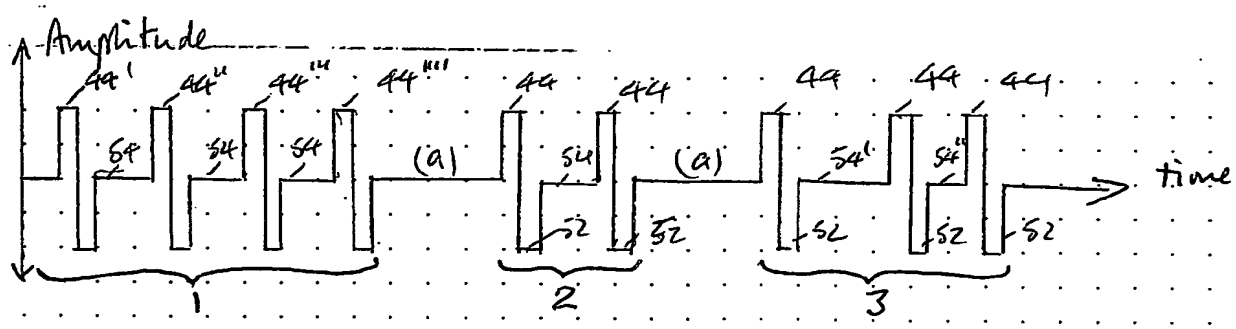


FIG. 11I

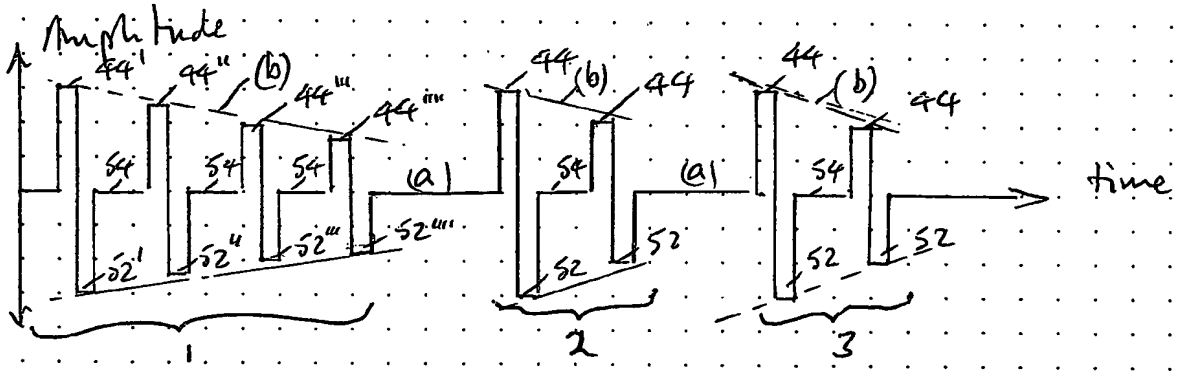


FIG. 11J

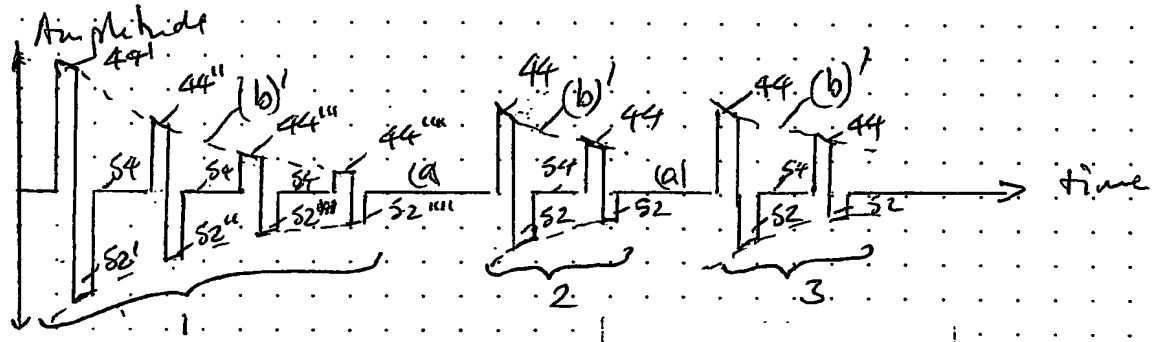


FIG. 11K

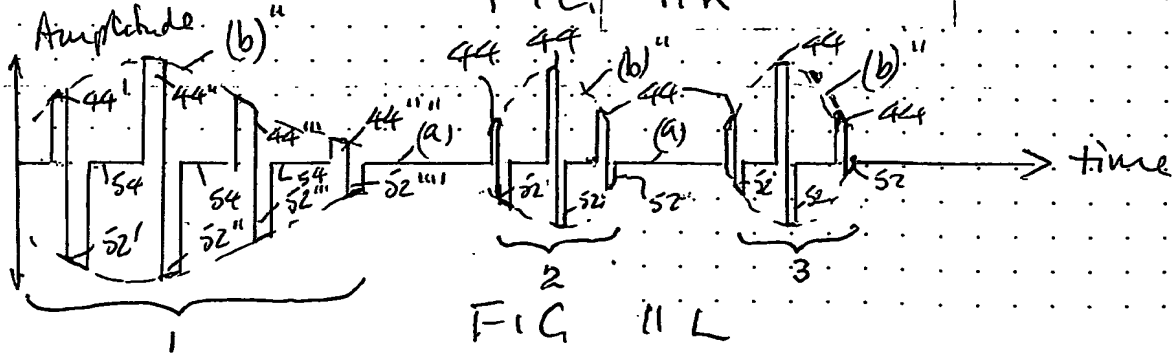


FIG. 11L